

# GRAYS HARBOR ESTUARY

# Chehalis River and Pacific Ocean

## LIMITING FACTORS

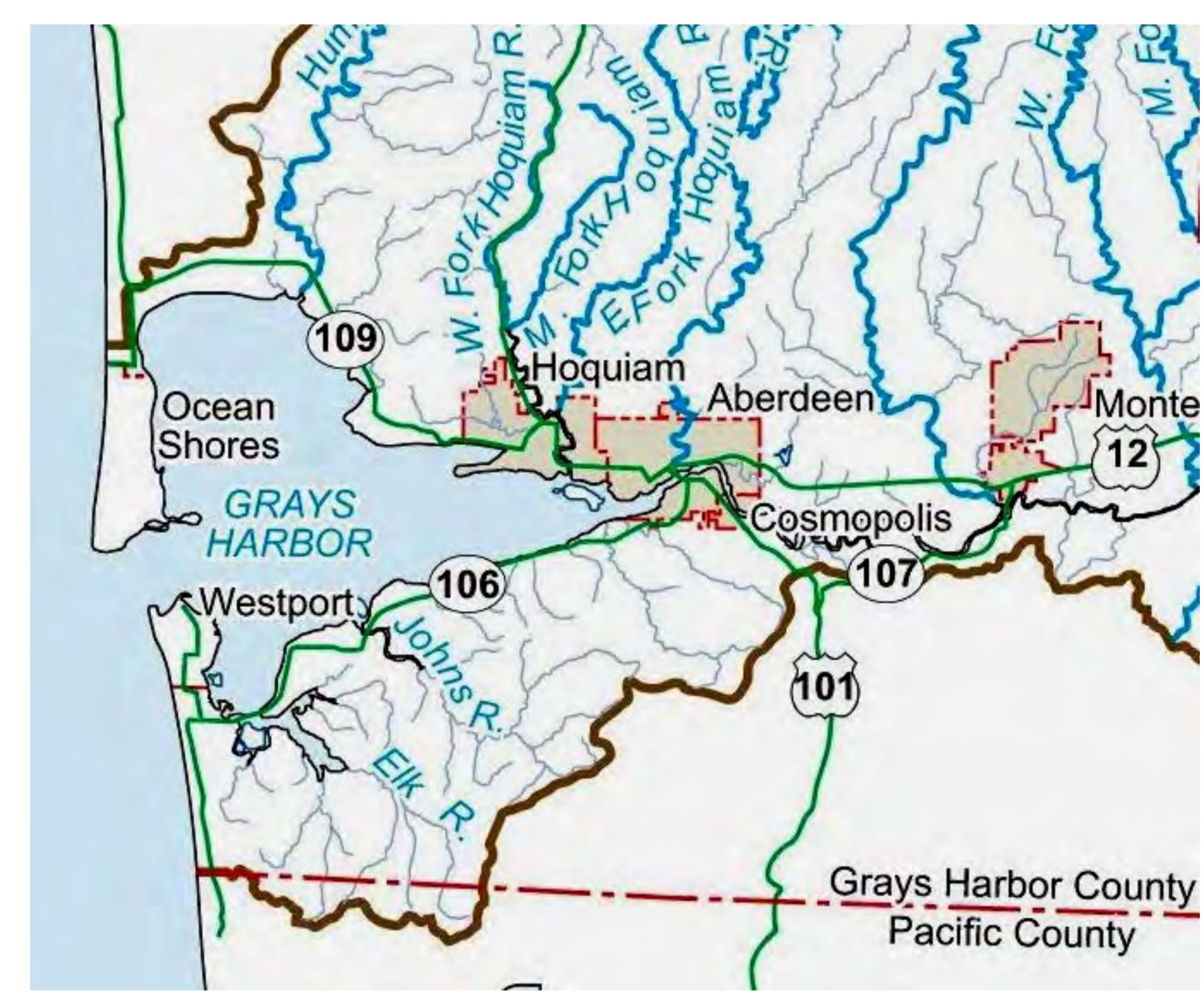
#### WATER QUALITY

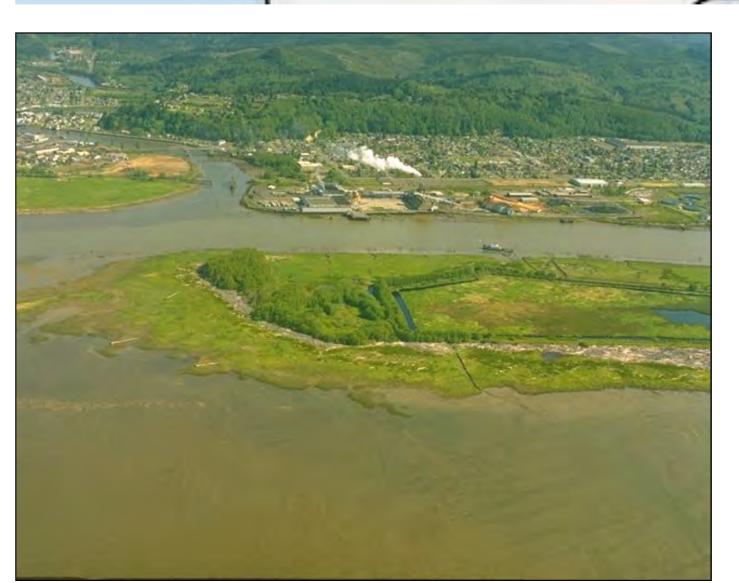
- Degraded water quality from discharge of complex effluents from wastewater treatment facilities and pulp & paper mills
- Chemical usage for pest control and wood preservation usage
- Loss of habitat has been primarily because of diking and filing to promote urban development shipping and railroad access.

### RESTORATION ACTIONS

#### WATER QUALITY

- Enhance water quality:
  - 1. Sediment dredging and/or capping;
  - 2. Phytoremediation;
  - 3. Pier removal
- Minimize chemical usage in estuary and upland habitat
- Evaluate current water conditions and impact of effluent treatment technologies
- Reduced effluent discharge
- Reclaim developed estuary habitat







Spring Chinook, fall Chinook\*, summer Chinook\*, coho\*, chum, and winter steelhead\*, and bull trout\* (\*denotes priority stock)